

Table 4. Inspection, Maintenance, and Testing Requirements as well as Calibration Method and Frequency for Field Instruments/ Equipment. SOP numbers for each type of instrument are given in Table 3.

Parameter	Instrument/ Equipment	Inspection	Maintenance	Testing	Calibration Method	Calibration Frequency
Dissolved oxygen (instantaneous)	Hanna field meters	Full inspection once a year prior to field season; visual inspection before each use	Once a year prior to field season and as required	Prior to each use check battery status	Internal	Each time meter is turned on
Specific conductance	Hanna field meters	Full inspection once a year prior to field season; visual inspection before each use	Once a year prior to field season and as required	Prior to each use check battery status	With calibration solution	Once a day during field season
Temperature (instantaneous)					Amongst meters	Once a year prior to field season
pH					With calibration solution	Each time meter is turned on
Temperature (continuous)	HOBO Water Temp Pro	Visual inspection before and after deployment	As required	Prior to each use check battery status	Amongst loggers	Before deployment
Flow velocity (average)	Global flow meter	Visual inspection before and after each use	As required	Prior to each use check check battery status, and that propeller is turning freely	Amongst meters	Once a year prior to field season